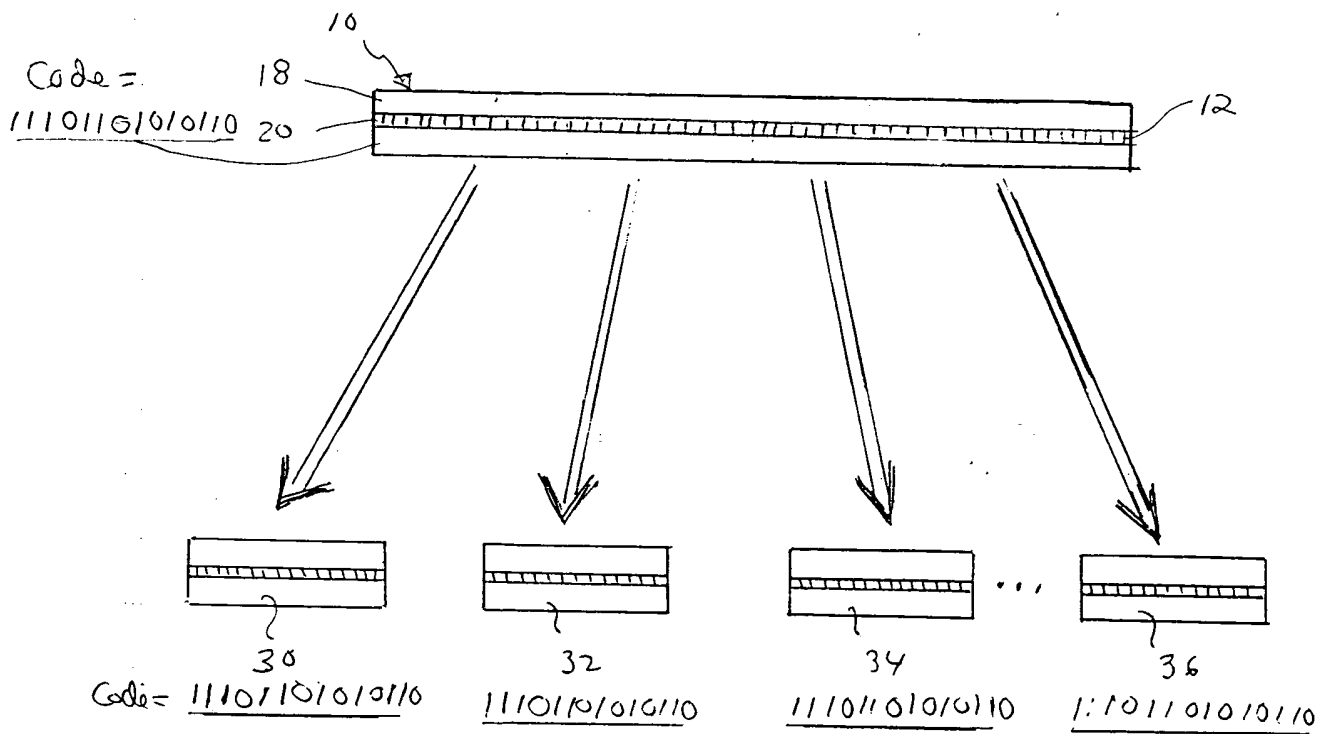
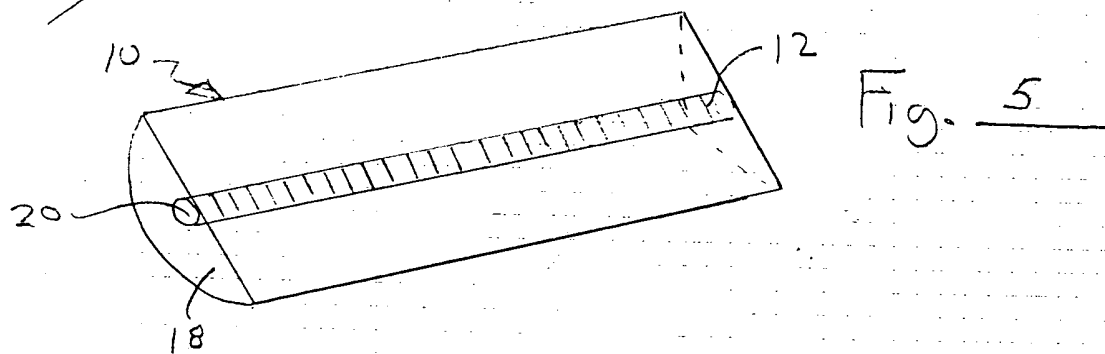
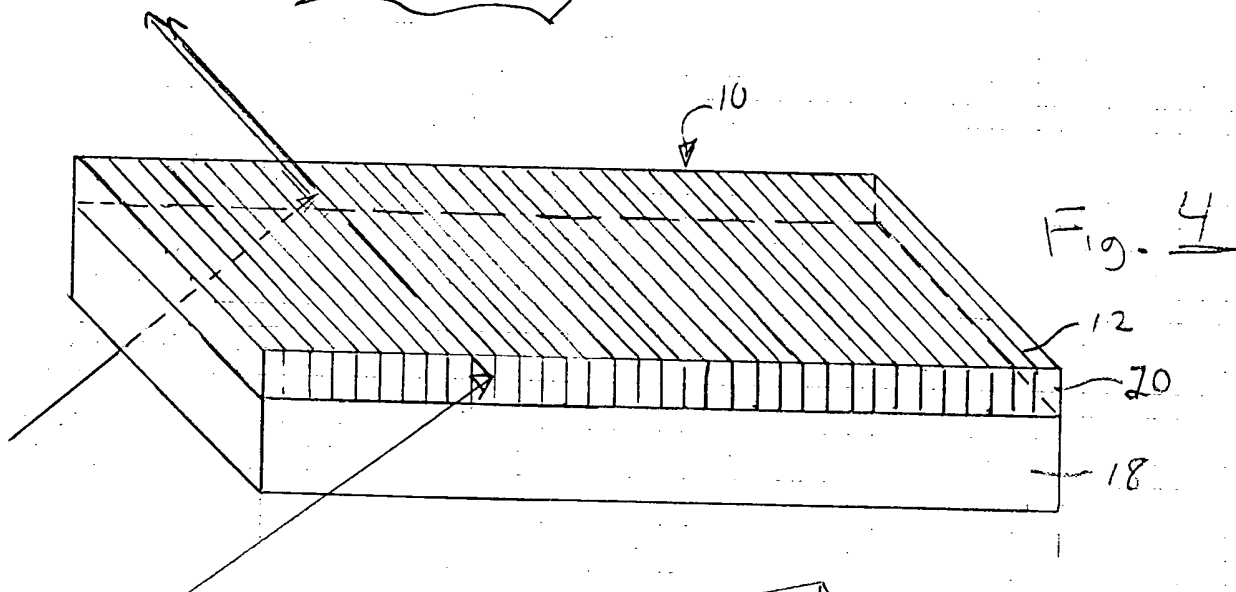
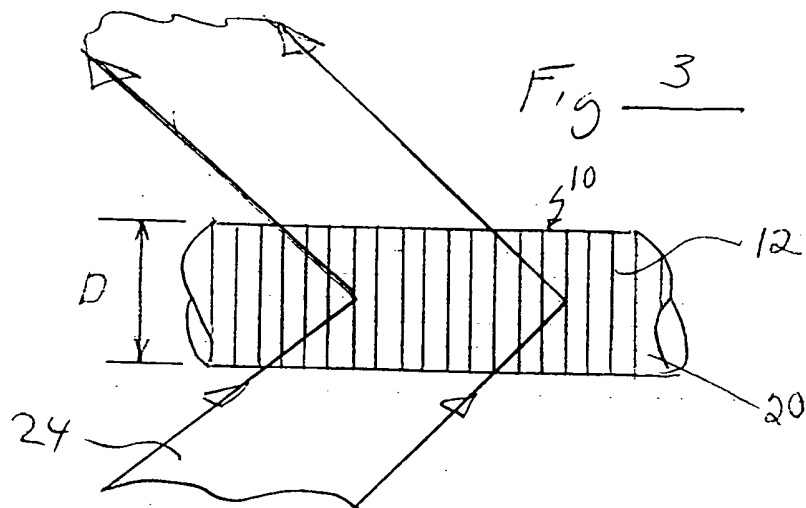
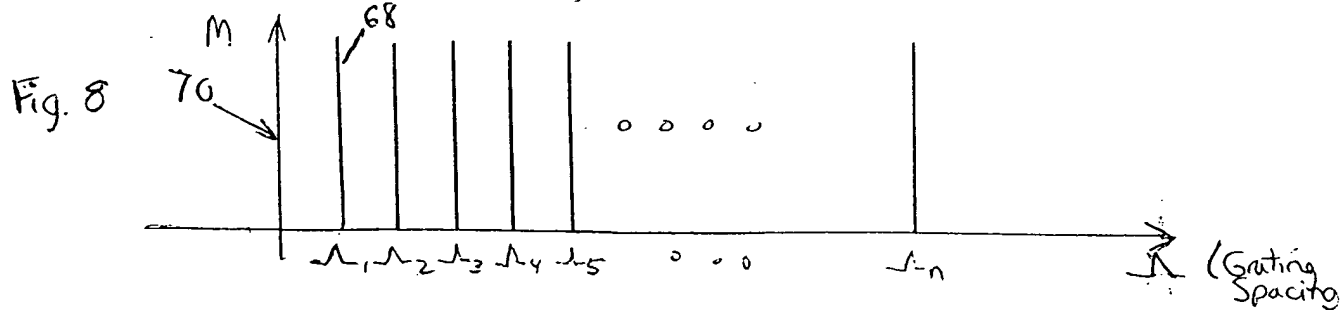
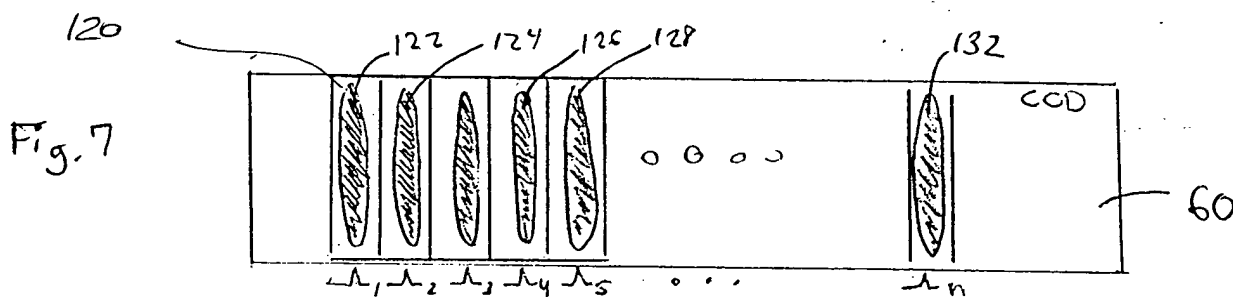
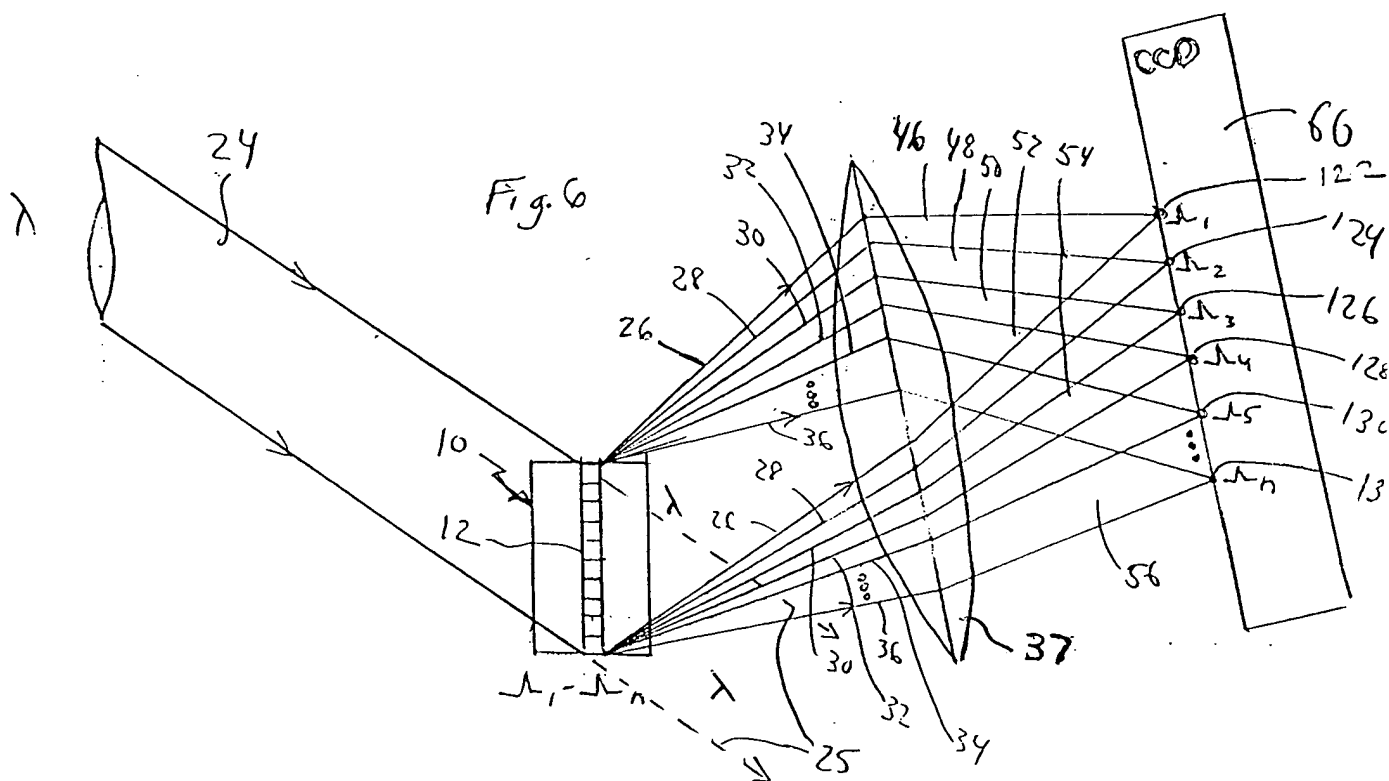


Fig. 2

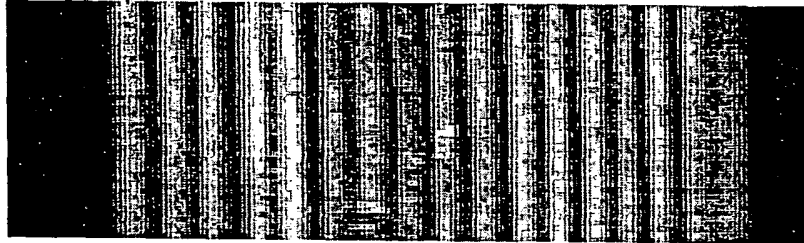


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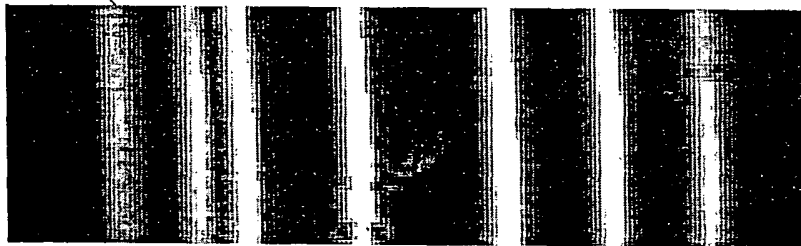
89 17 bits turned on



Bits: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

(a)

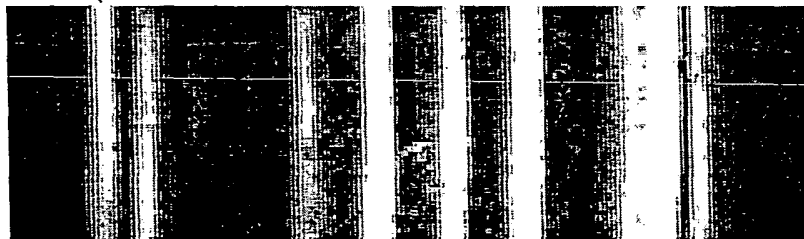
89 7 bits turned on



Bits: 1 0 1 1 0 0 1 0 0 0 1 0 0 1 0 0 1

(b)

89 9 bits turned on



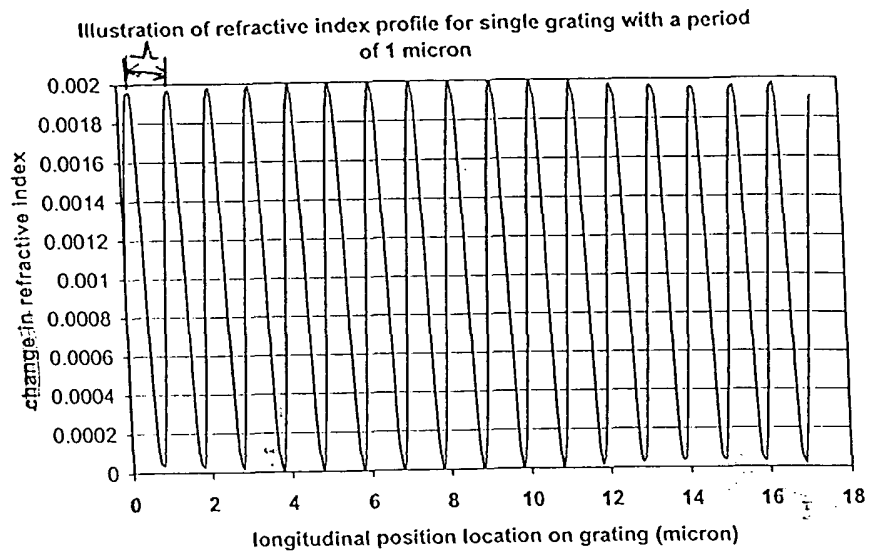
Bits: 1 1 0 0 0 1 0 1 0 1 0 1 0 0 1 1 1

(c)

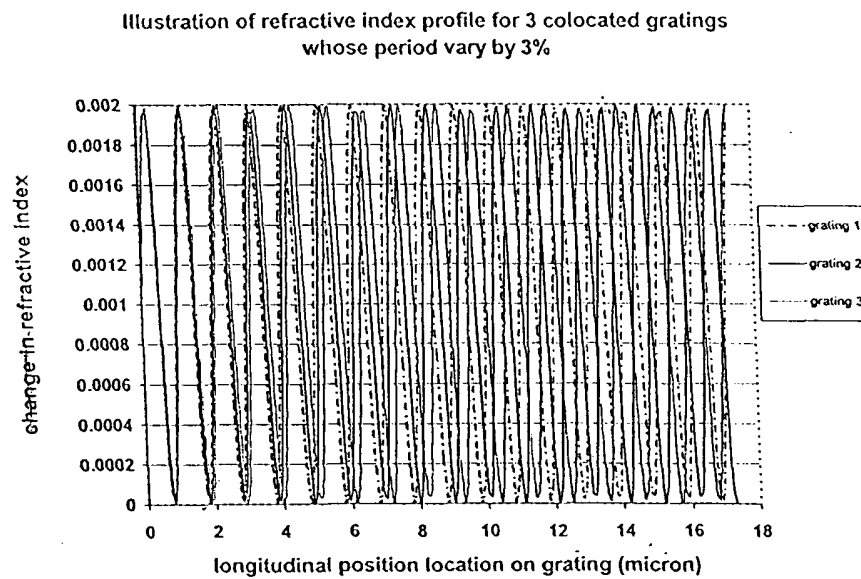
Fig. 10

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(a)



(b)



(c)

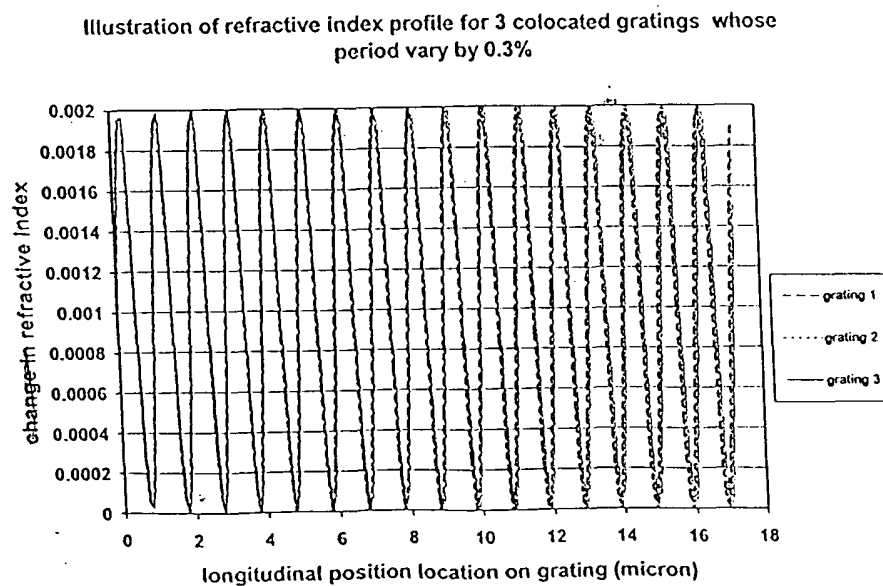


Fig. 10

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(d)

Index modulation caused by superposition of 3 gratings where the pitch between each grating varies by 3%.

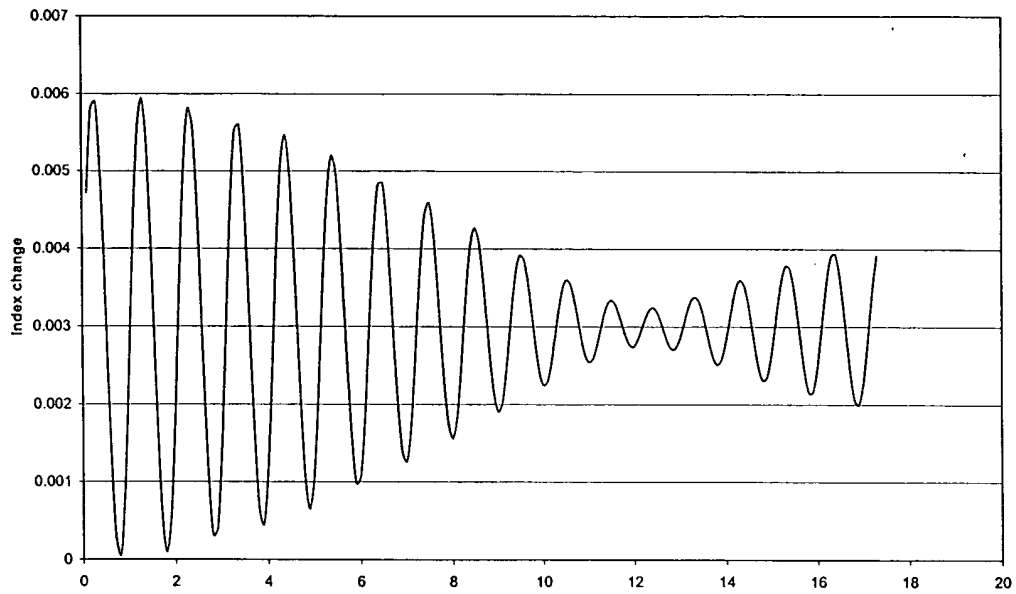


Fig. 11

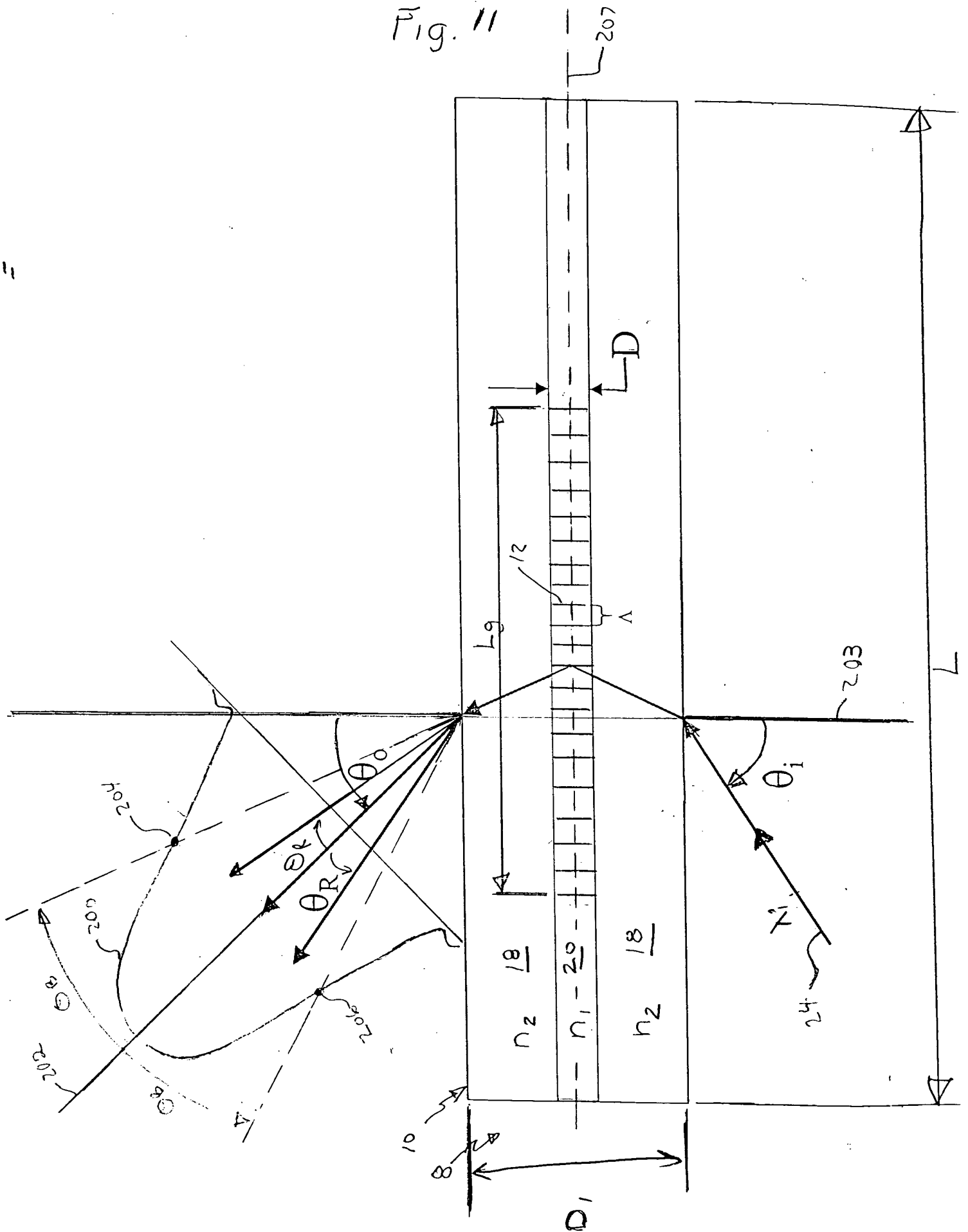


Fig. 15

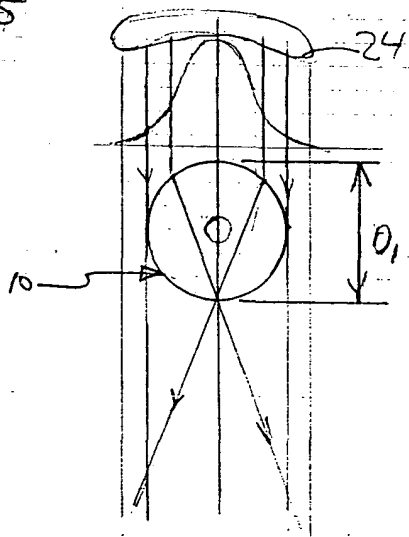
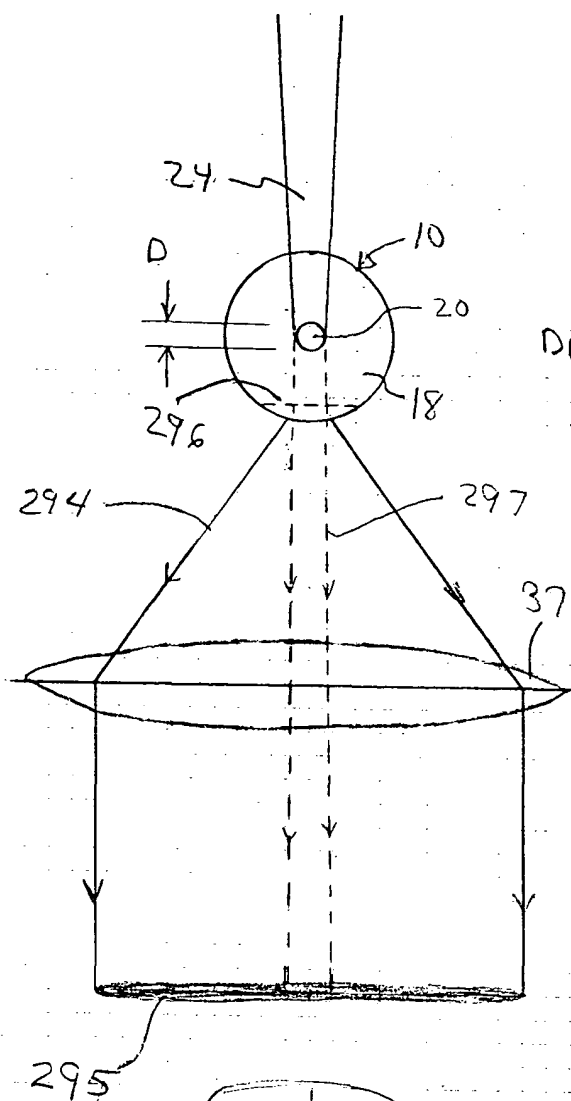


Fig. 13

Fig. 14

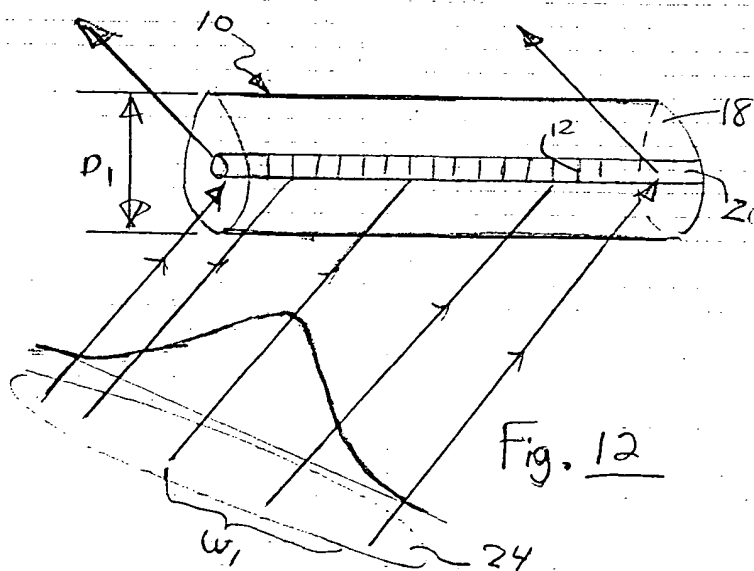
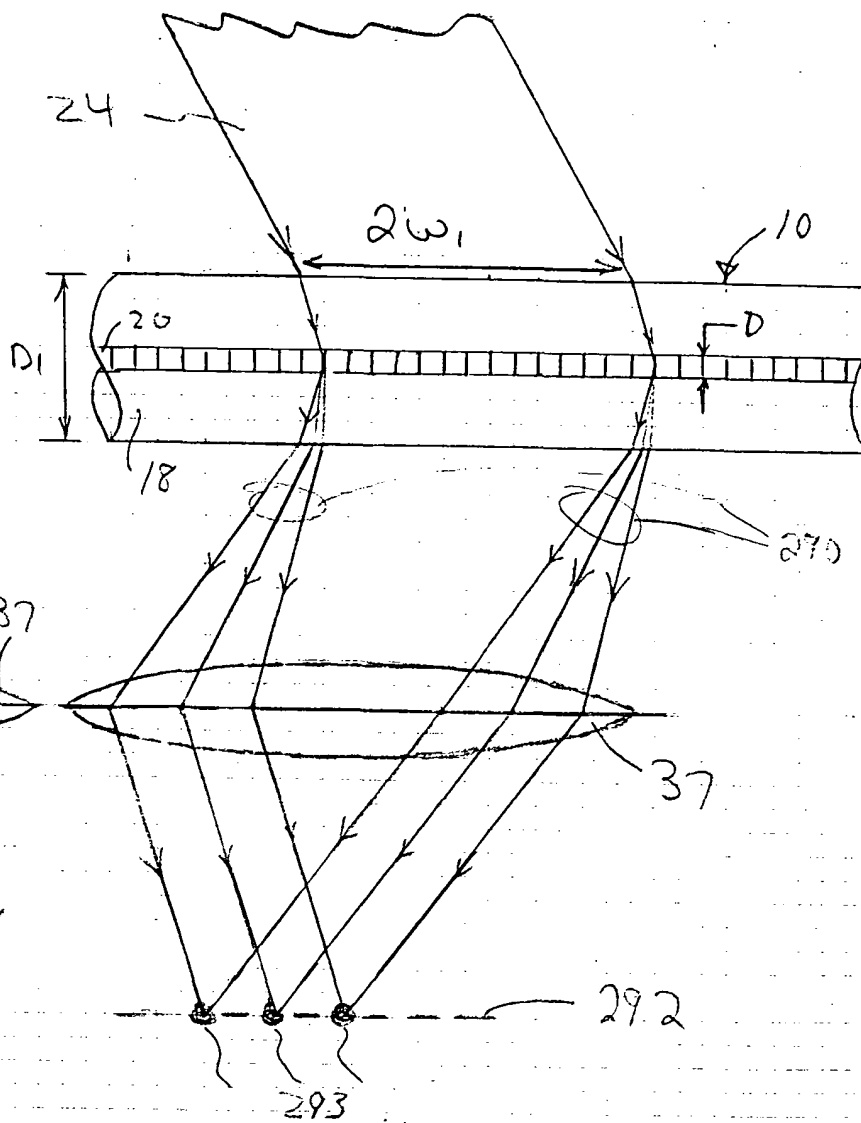
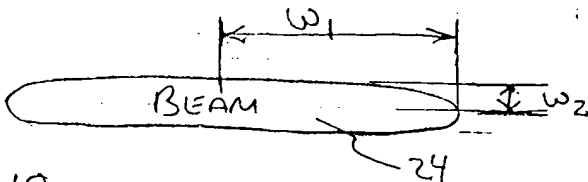


Fig. 12



Fig. 16



10

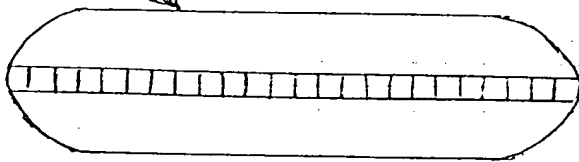
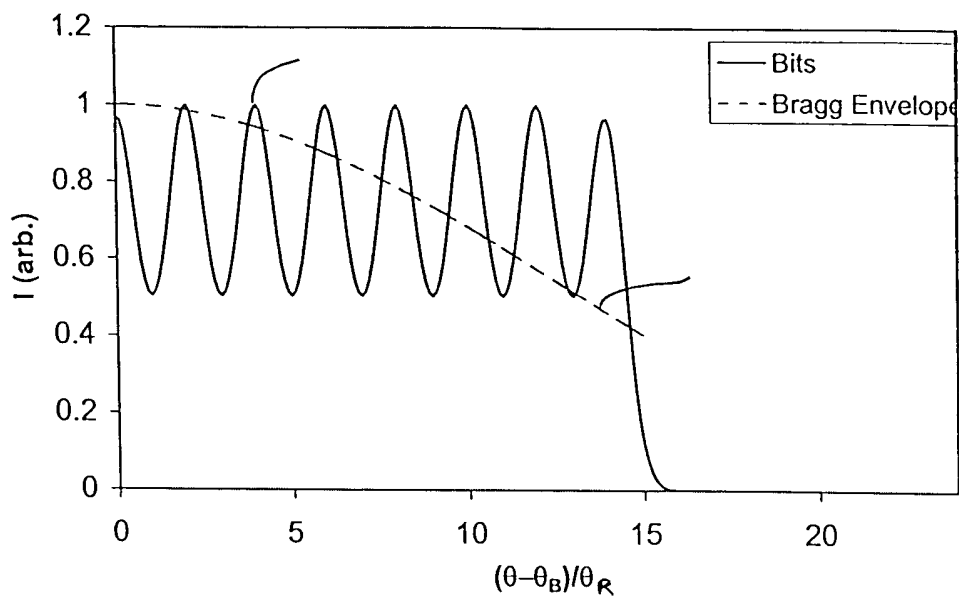


Fig. 17

CC-0648

Fig 18





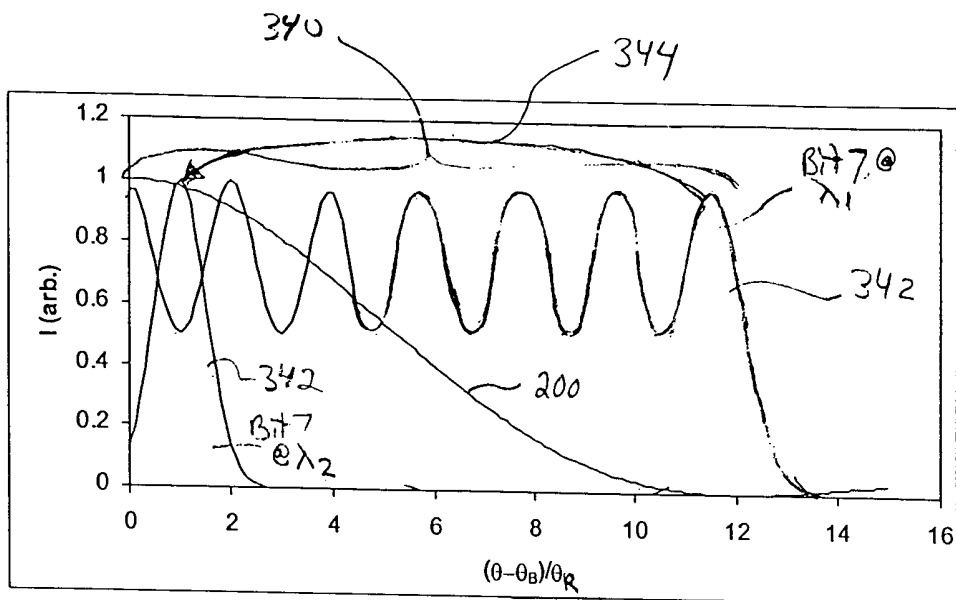


Fig. 20

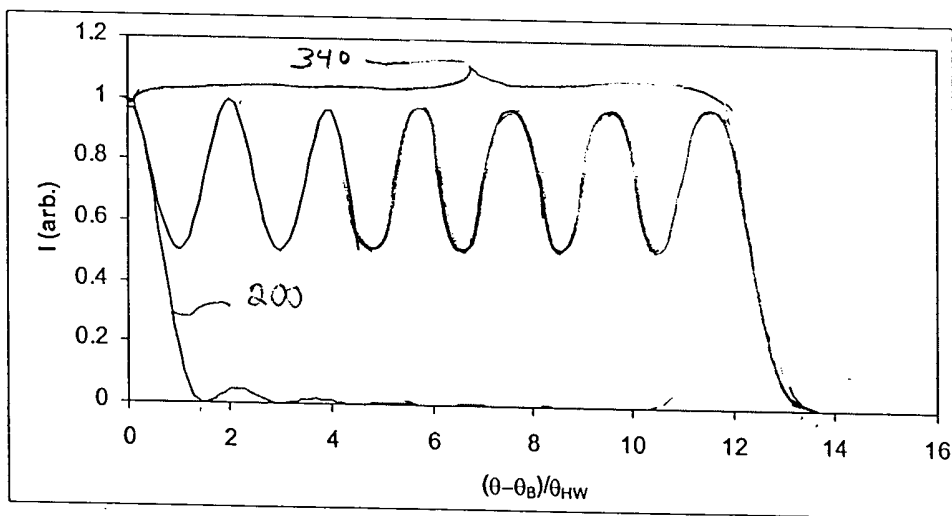
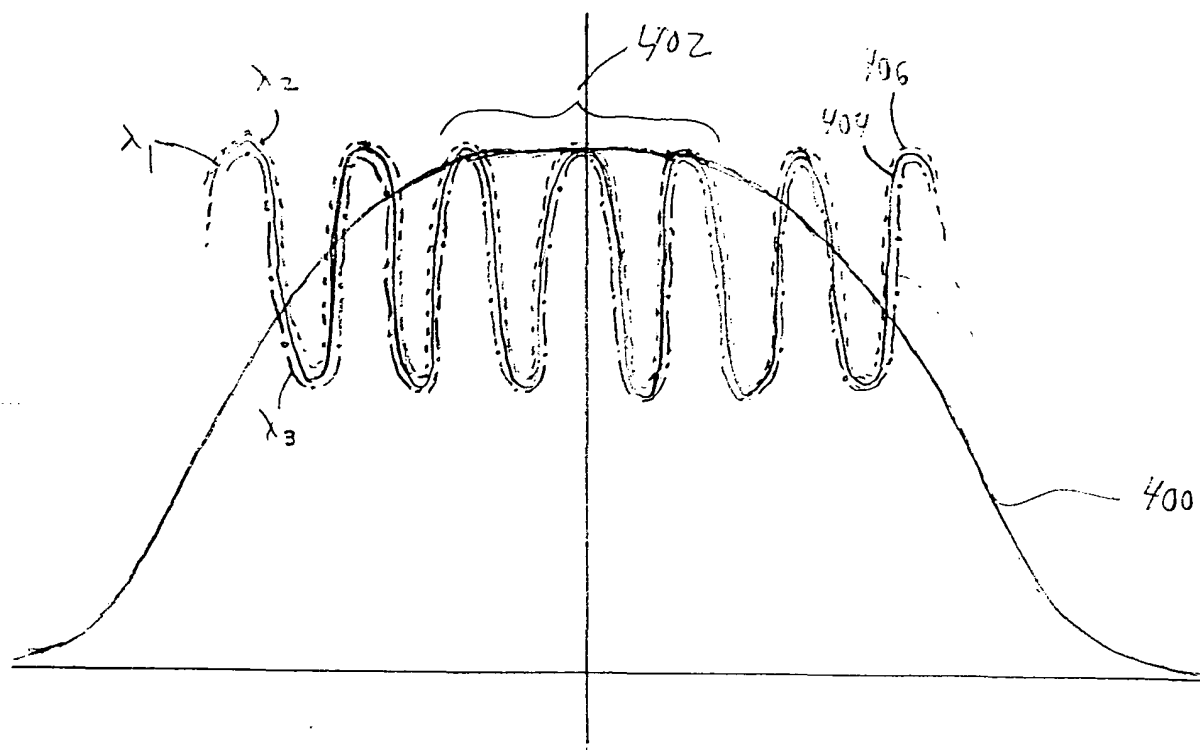


Fig. 21

Fig. 22

CC-6248





CC-0648

Fig. 25

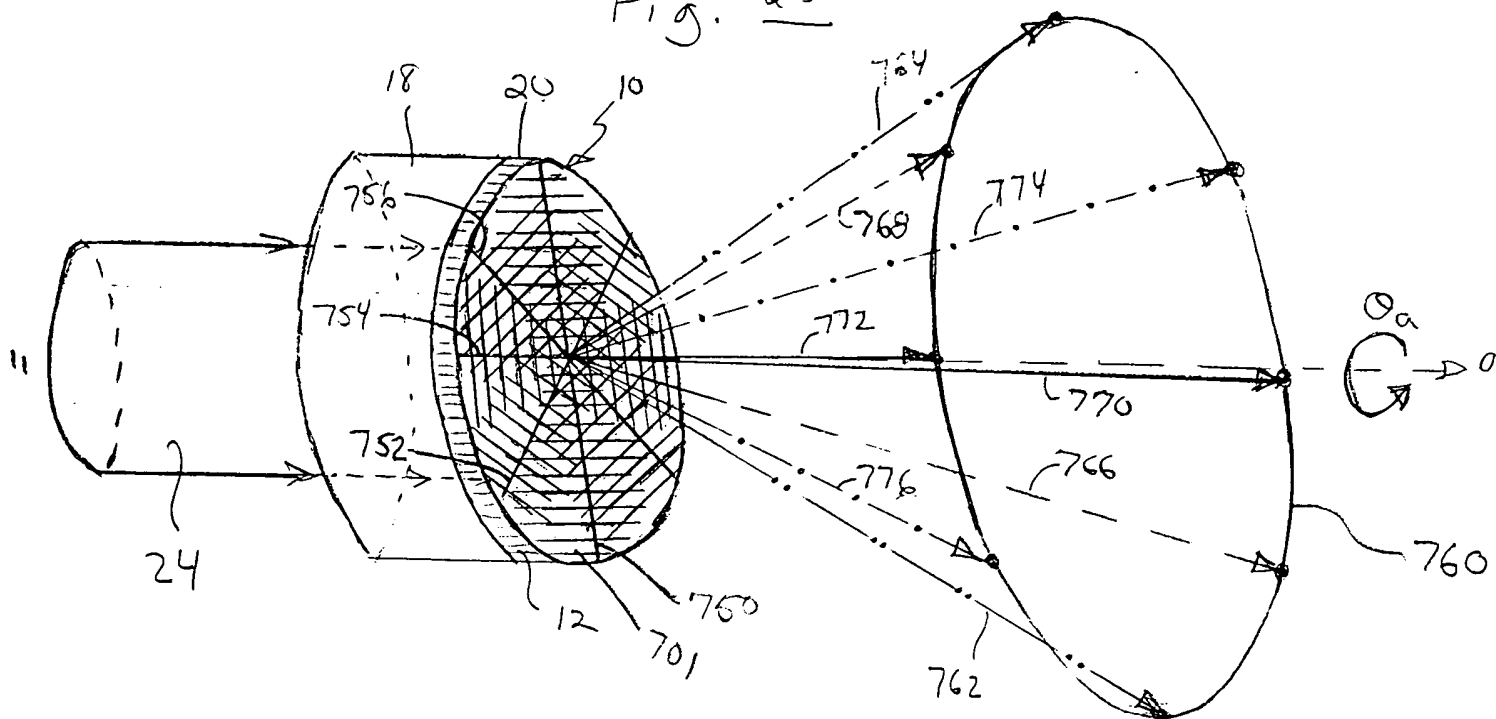


Fig. 26

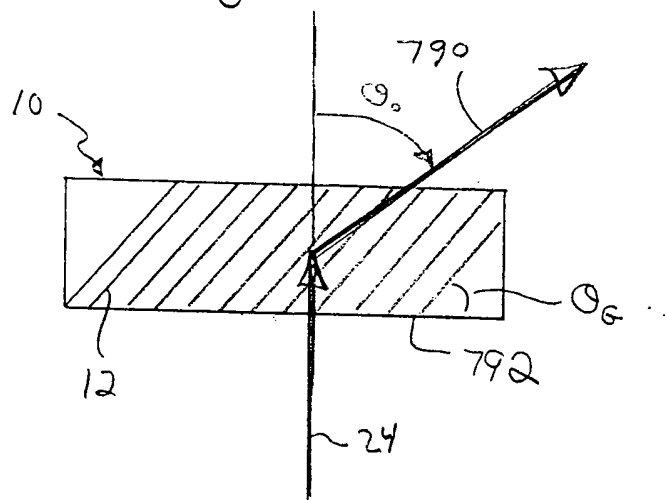
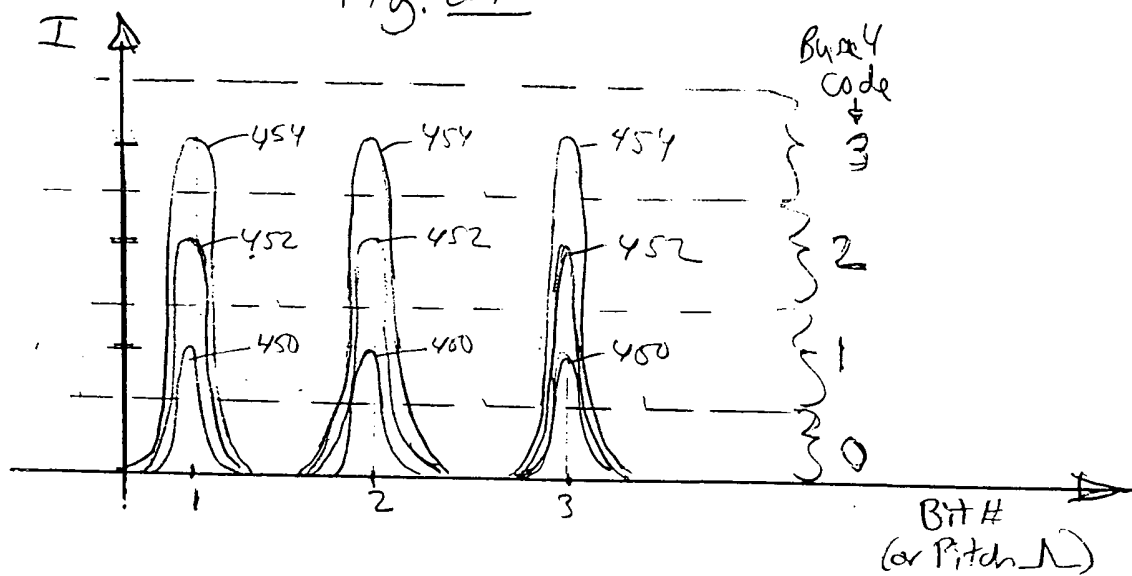


Fig. 27





11

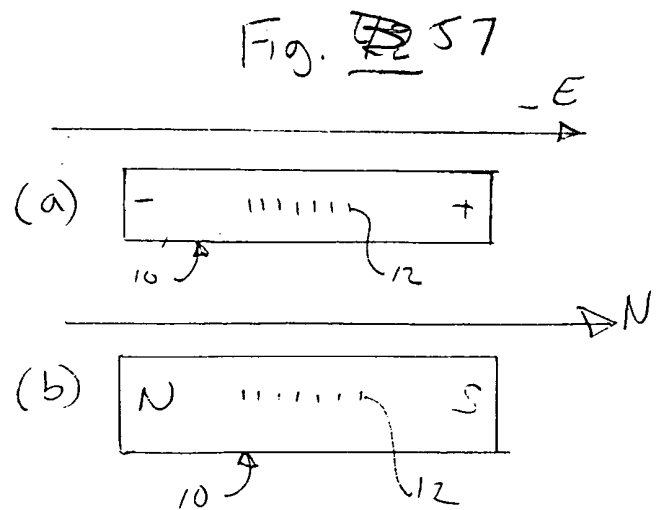
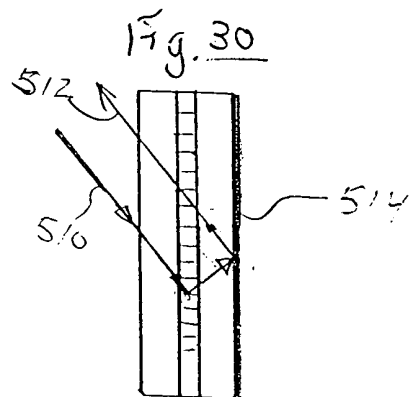
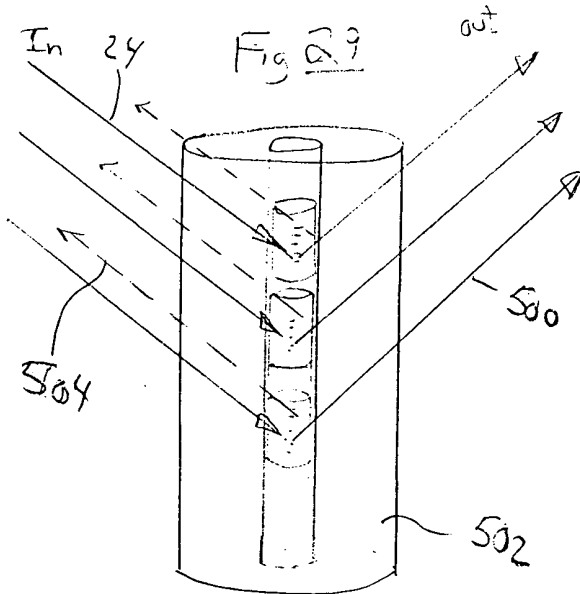
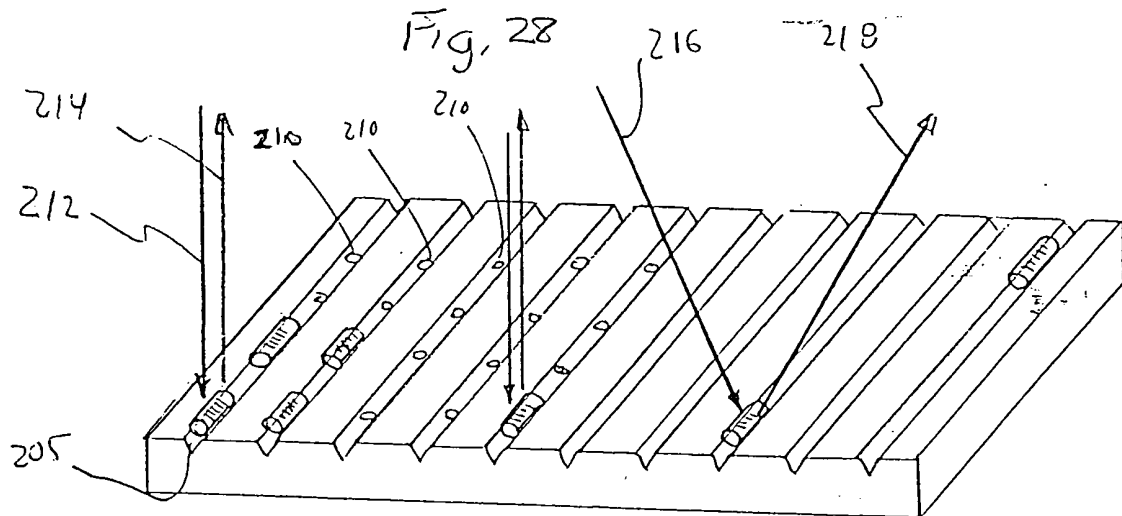


Fig. ~~30~~ 31

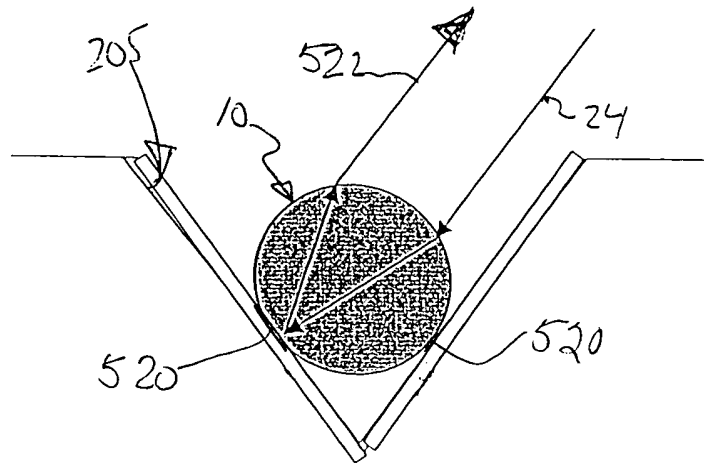
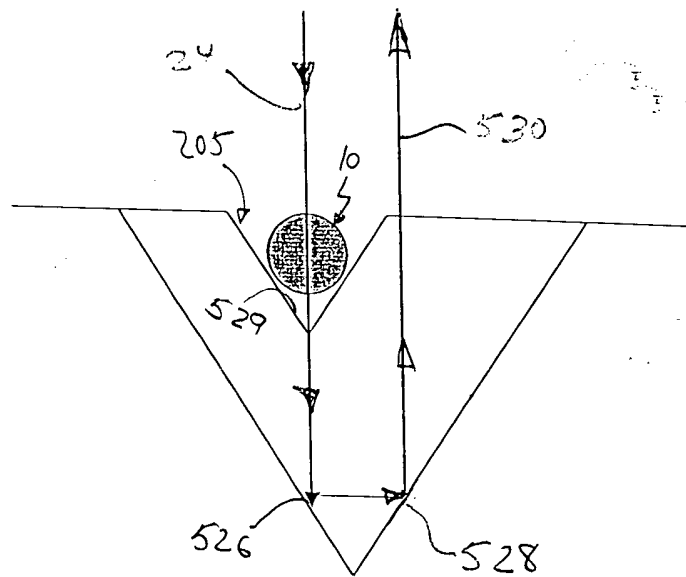


Fig. ~~31~~ 32



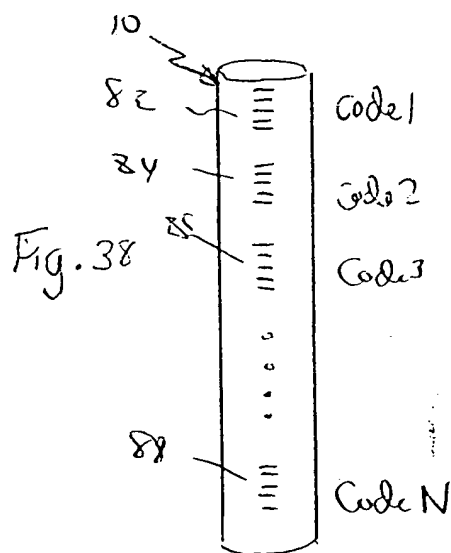
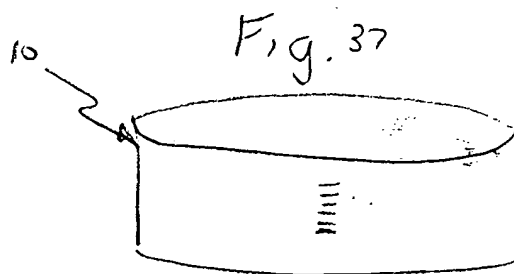
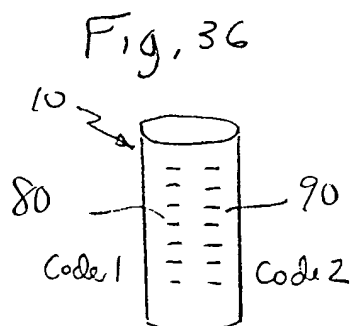
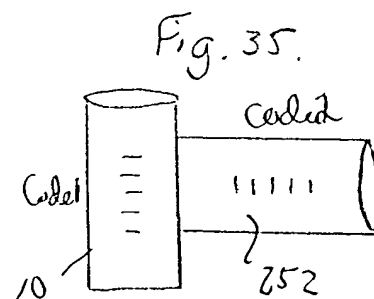
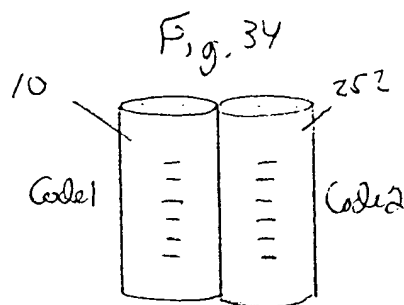
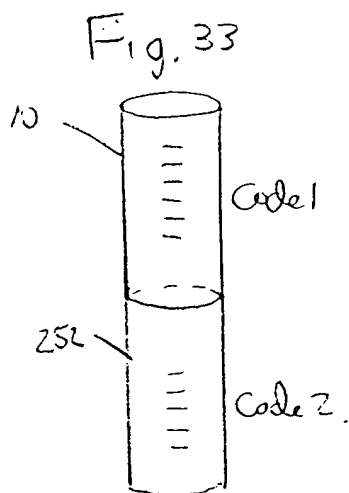
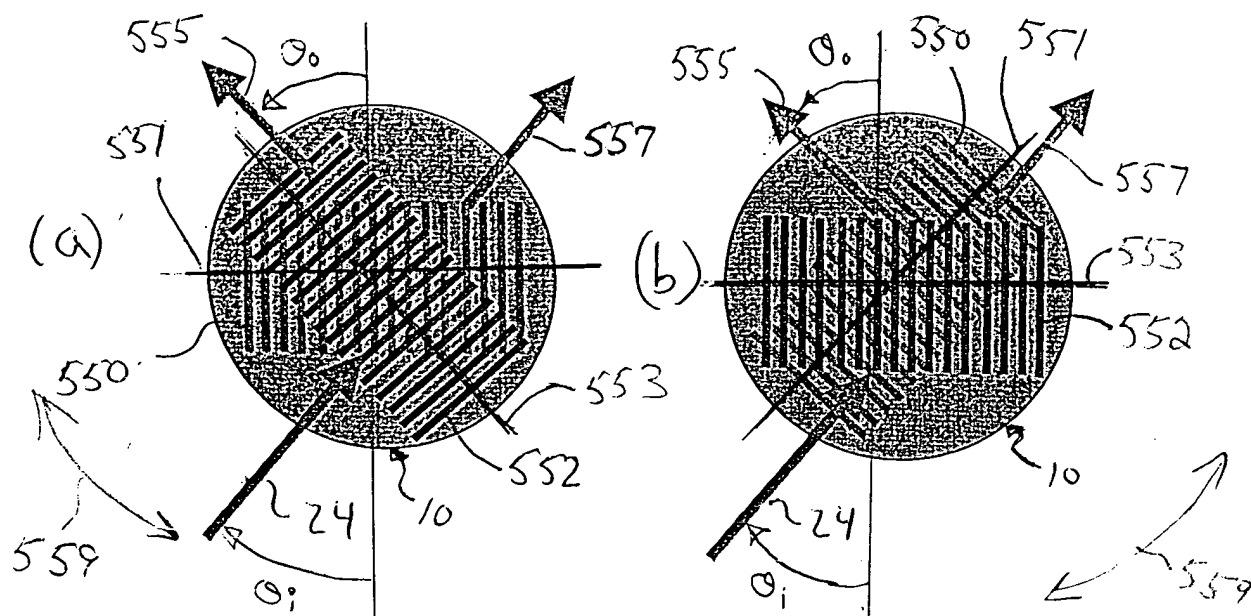


Fig. 39



F. 9. 40

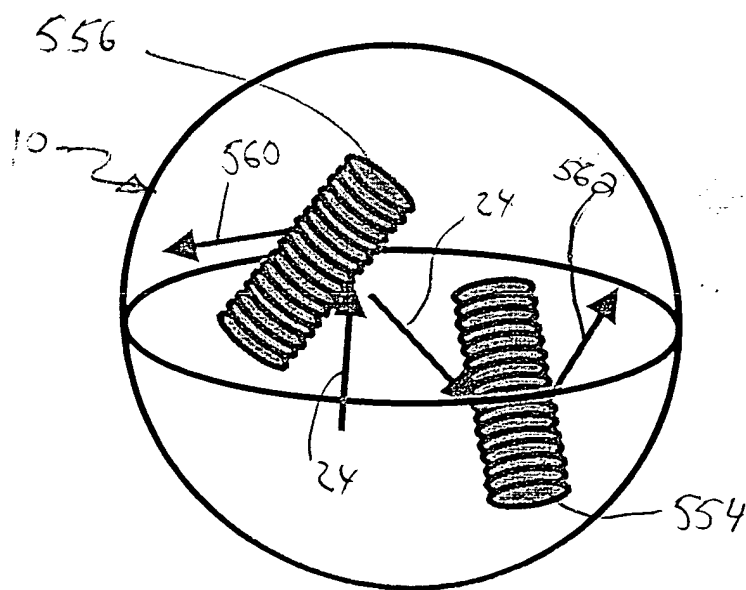
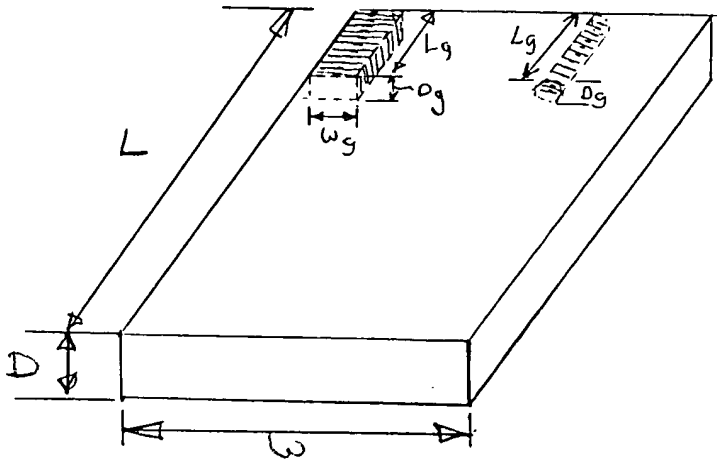


Fig. 44

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11

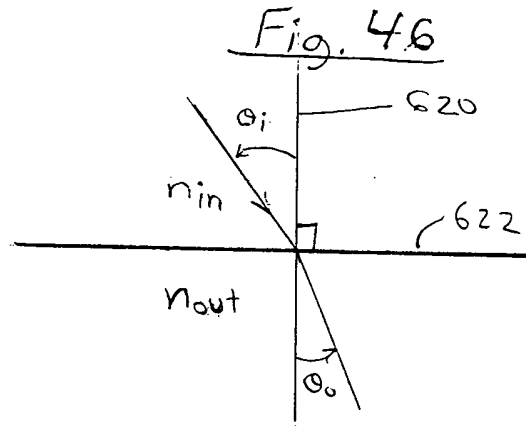
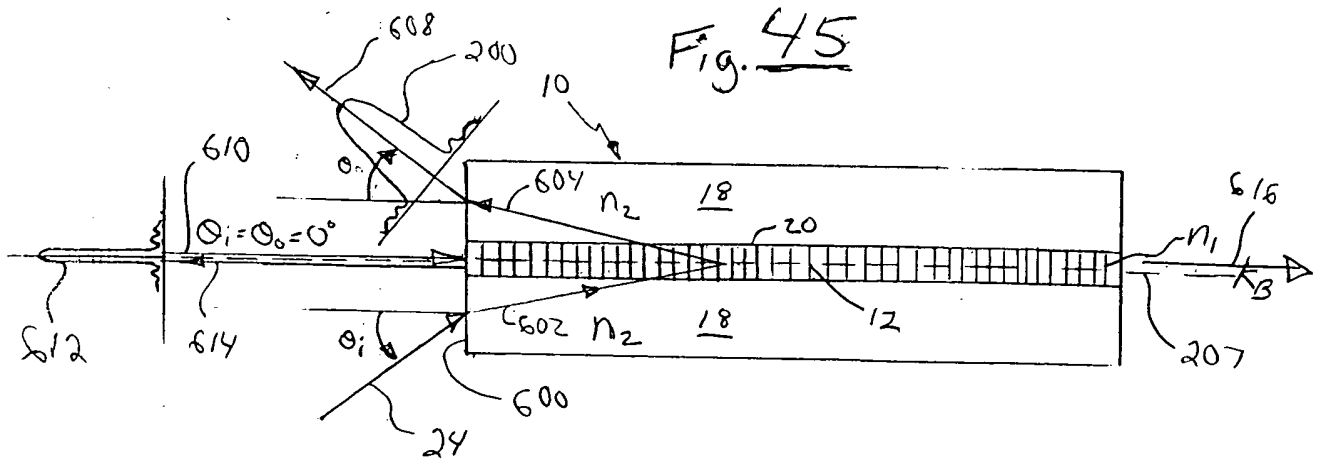


Fig. 49.

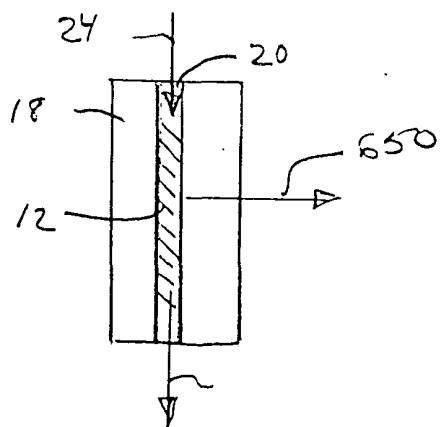


Fig. 50

CC-0648

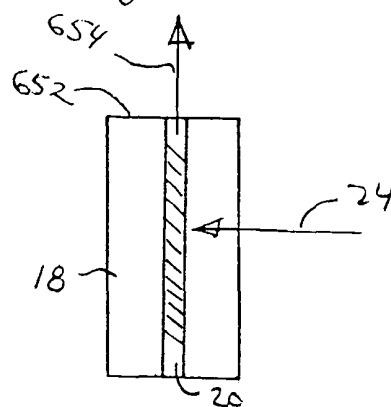


Fig. 51

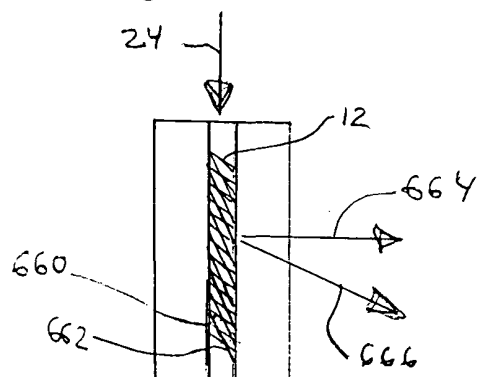
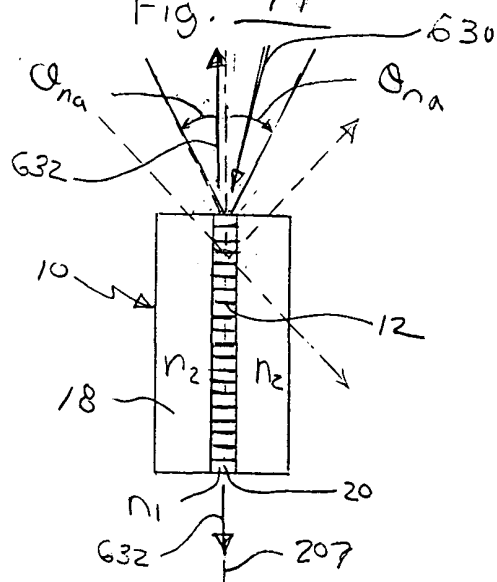


Fig. 47



F. g. 48

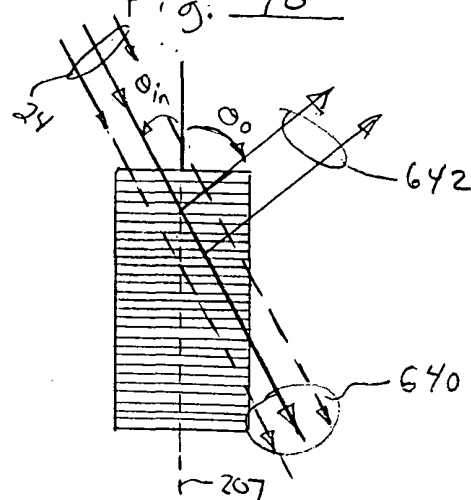


Fig. 52

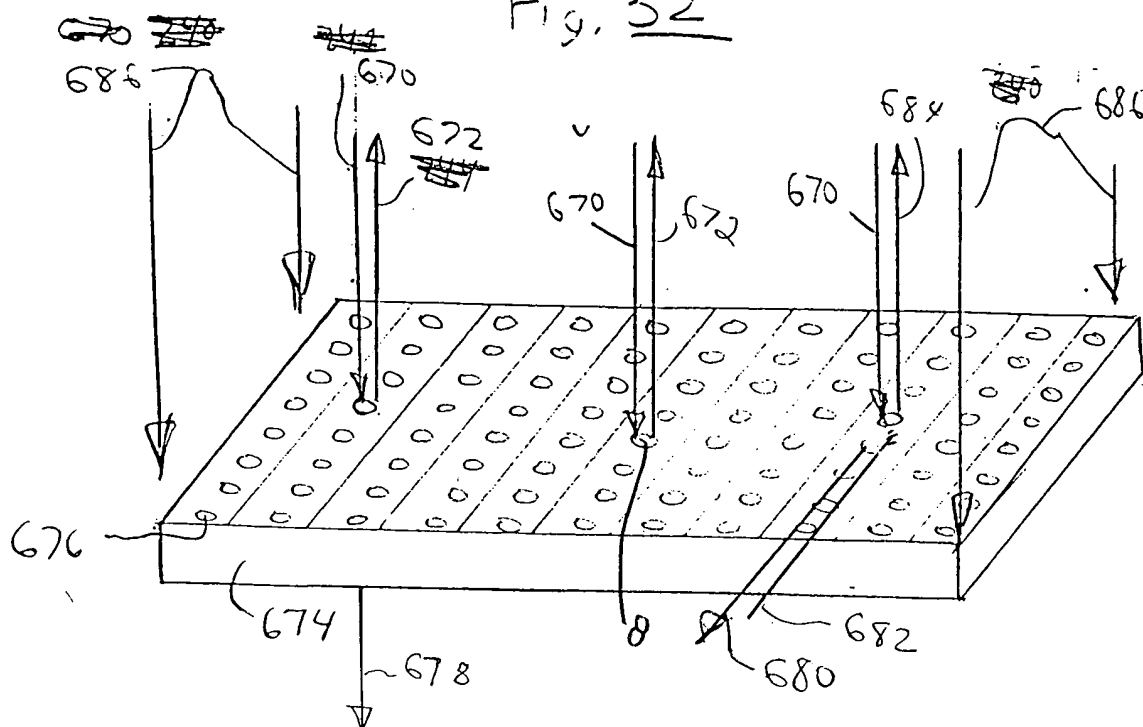
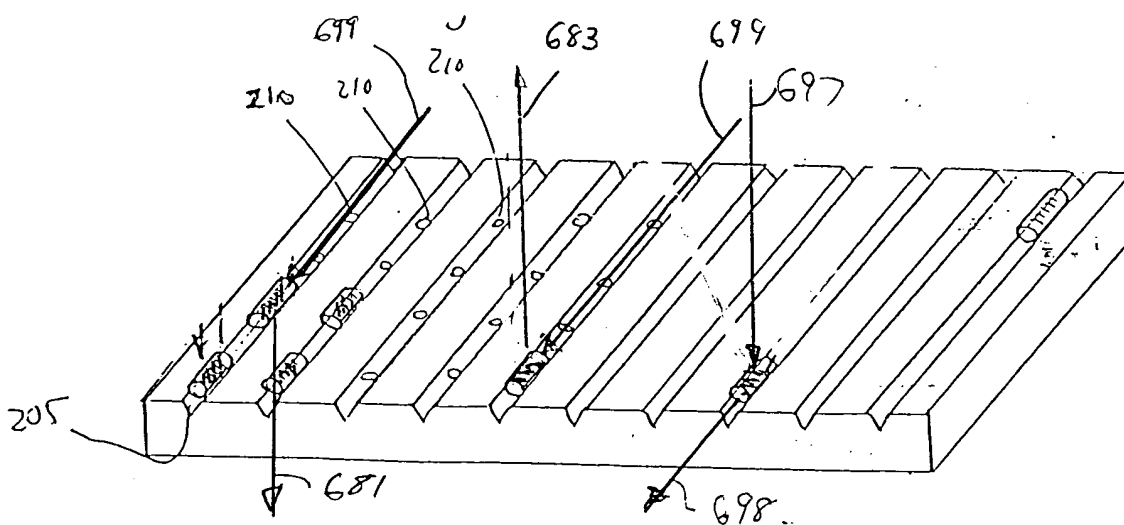


Fig. 53





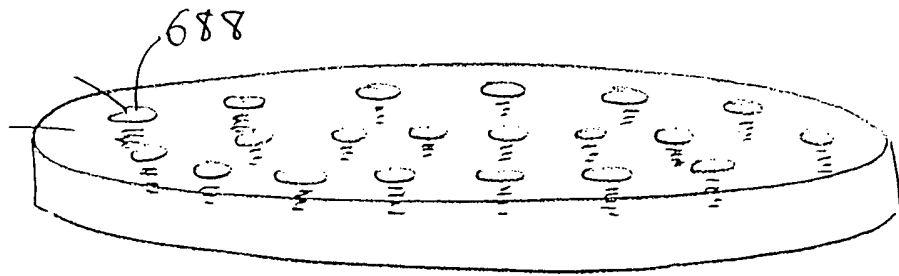


Fig. ~~54~~ 54

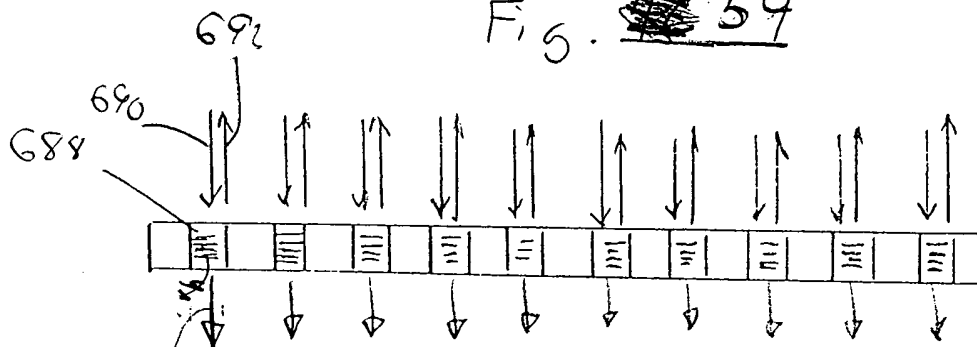


Fig. 55

Fig. 41

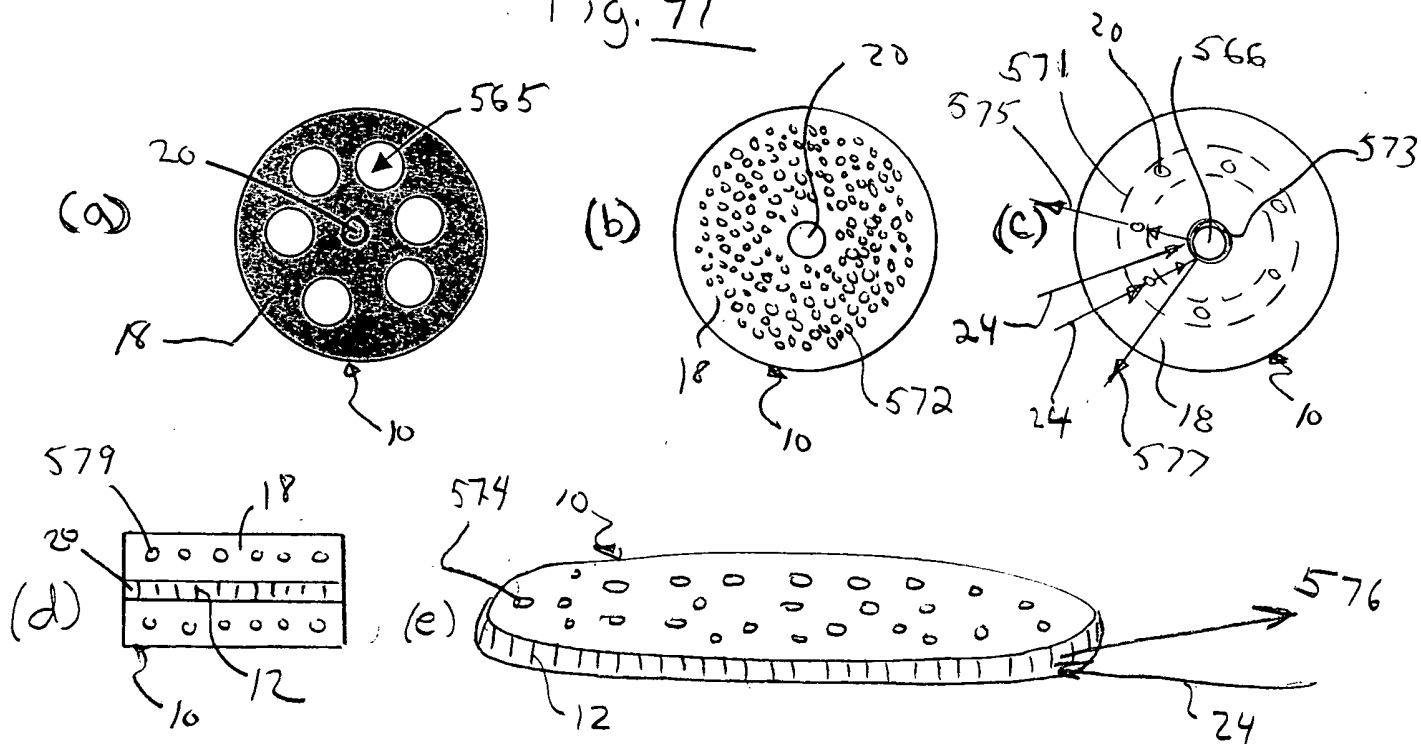


Fig. 42

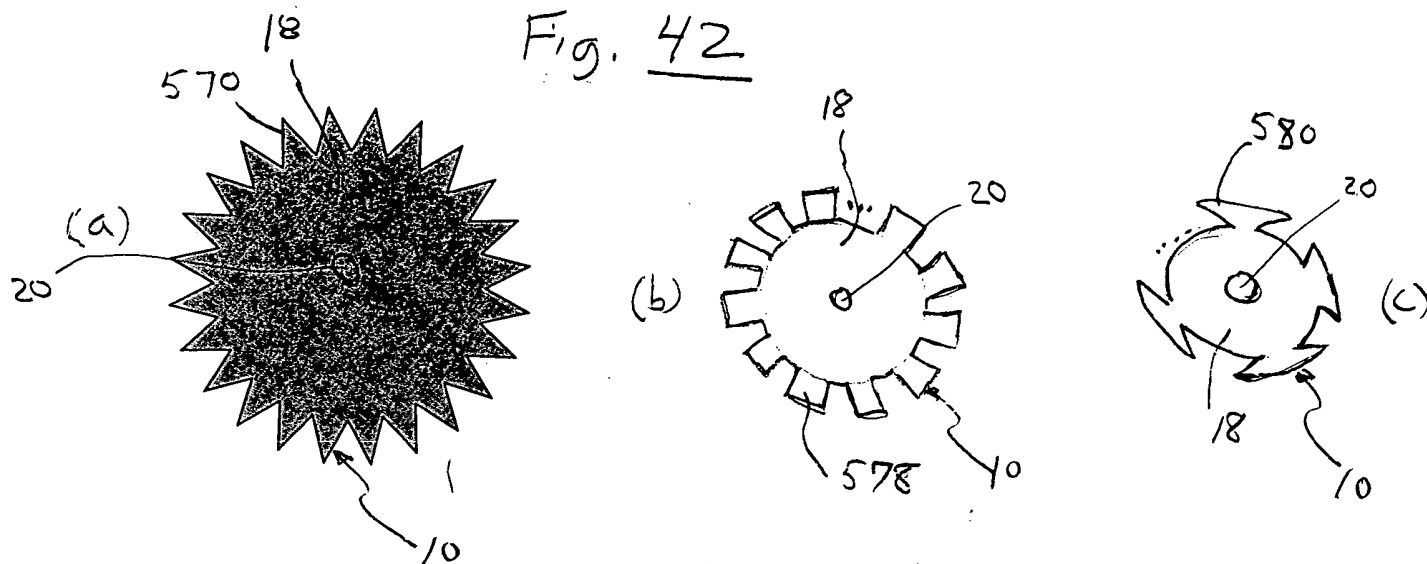


Fig. 43

